

CASE HP/15-22820/A/CGC 2137/PCT

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Anna R. Maddalena  
Type or print name

Anna R. Maddalena  
Signature

9/8/05  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE PCT NATIONAL STAGE APPLICATION OF  
ZHIQIANG SONG ET AL  
INTERNATIONAL APPLICATION NO. PCT/EP 03/51000  
FILED: DECEMBER 15, 2003  
FOR: HYDROPHOBICALLY MODIFIED  
POLYMERS AS LAUNDRY ADDITIVES  
U.S. APPLICATION NO: 10/540,198  
35 USC 371 DATE: JUNE 20, 2005

Group Art Unit:

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase.

The International Search Report indicates that U.S. Patents 4,753,999, 5,653,772 and 6,326,343 are substantively cumulative English language counterparts of EP 0232519, EP 0685591 and WO 02/20709 respectively. The International Search Report also indicates that U.S. Patents 2003/0017963 and 2002/0045558 are substantively cumulative English language counterparts of WO 01/79407.

Enclosed herewith are copies of GB 1372787, DD 296307, an English language abstract for JP 7316590, WO 98/23714, WO 97/42285 and EP 0995791.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,

A handwritten signature in cursive script that reads "Kevin T. Mansfield". The signature is written in black ink and is positioned above the printed name and title.

Kevin T. Mansfield  
Agent for Applicants  
Reg. No. 31,635

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KTM/am/  
Encl. References  
PTO-1449 Forms

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional) <b>HP/15-22820/A/CGC 2137/PCT</b>	Application Number <b>10/540,198</b>
	Applicant <b>ZHIQIANG SONG ET AL</b>	
	Filing Date <b>JUNE 20, 2005</b>	Group Art Unit

### U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,753,999	6/88	Keil et al	525	328.3	
	2,923,701	2/60	Schuller et al	260	85.5	
	5,653,772	8/97	Mori et al	8	495	
	4,305,860	12/81	Iovine et al	260	29.6	
	4,299,898	11/81	Williams et al	430	106	
	2003/0017963	1/03	Creeth et al	510	499	
	2002/0045558	4/02	Creeth et al	510	290	
	6,326,343	12/01	Ghatlia et al	510	222	
	3,694,364	9/72	Edwards	252	90	
	3,673,110	6/72	Edwards	252	427	
	3,816,321	6/74	Kleinschmidt	252	134	

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0232519	8/87	Europe				
	0685591	12/95	Europe				
	1372787	11/74	Great Britain				
	296307	11/91	Germany				
	01/79407	10/01	PCT/World				

### OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	English language abstract for JP 7316590 (1995)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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	Applicant ZHIQIANG SONG ET AL	
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## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,380,453	4/83	Claiborne	8	606	
	5,698,476	12/97	Johnson et al	442	121	
	6,348,441	2/02	Aiken III et al	510	304	
	5,466,802	11/95	Panandiker et al	544	193.2	
	6,306,815	10/01	Rodrigues et al	510	475	
	5,380,447	1/95	Kirk et al	252	8.6	
	6,191,098	2/01	Rodrigues et al	510	475	
	6,156,829	12/00	Shih et al	524	99	
	6,271,386	8/01	Shih et al	546	347	
	6,103,831	8/00	Shih et al	525	359.3	
	5,863,879	1/99	Zirnstein et al	510	360	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	02/20709	3/02	PCT/World				
	98/23714	6/98	PCT/World				
	97/42285	11/97	PCT/World				
	0995791	4/00	Europe				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

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U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,165,969	12/00	Böckh et al	510	475	
	5,830,844	11/98	Detering et al	510	475	
	6,121,223	9/00	Dixon et al	510	360	
	5,149,456	9/92	Concannon et al	252	174.25	
	3,749,682	7/73	Tanner	252	524	
	5,413,731	5/95	Adler et al	252	174.24	
	5,744,435	4/98	Hartman et al	510	101	

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

  

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER	DATE CONSIDERED
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